

Ans

APPLICANT	: Kennedy
INVENTION	: Compact Auxiliary Power Generator
SERIAL NUMBER	: 10/756,951
EXAMINER	: Mohandes, Iraj

Claim 1. (Twice amended) An apparatus for securement of a low profile auxiliary generator to large vehicles, said large vehicle having a frame, said apparatus comprising an enclosure having interconnected opposite vertical walls, said vertical walls having a height of about 17 inches forming front and back walls, opposite end walls, and a top parallel to a floor, a low profile engine having a height of about 17 inches coupled to a generator an integral engine/generator set fixed in said enclosure, said engine/generator set having further defined as a liquid cooled internal combustion engine connected to an electrical said generator by a base plate, said base plate interconnected with said enclosure floor, said engine having at least one cylinder horizontally disposed and positioned parallel to said floor for turning said generator to produce electricity, whereby said auxiliary generator provides 120 VAC for use in said vehicle and said enclosure may be used as a foot step for ingress and egress to said vehicle.

Claim 13. (Twice amended) An apparatus for securement of a low profile auxiliary generator to large vehicles having a frame, said apparatus functioning as an auxiliary engine/generator set enclosure when mounted on said frame, said enclosure comprising opposite interconnected vertical walls having a height of about 17 inches, said vertical walls forming front and back walls, opposite end walls, and a top parallel to the floor, said enclosure having a floor parallel to said frame perpendicular to said vertical walls removably connected to said end walls, said engine/generator set fixed on said floor, said engine having at least one cylinder horizontally disposed and positioned parallel to said floor for turning said generator to produce electricity, whereby said auxiliary generator provides 120 VAC for use in said vehicle and said enclosure may be used as a foot step for ingress and egress to said vehicle.

Comments: The height of the vertical wall is critical for the Applicant's enclosure can be used as a step into a large vehicle such as the cab of a semi-truck. This critical aspect is described in the Applicant's specification on page 7, lines 19-21. A height greater than 17 inches fails to provide a safety step for a truck or of an enclosure with one cylinder parallel to the floor of the enclosure.